RMA Industry Report CONFIDENTIAL

RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

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RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE & INNER TUBE REPORT

SEPTEMBER

This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, and inventory. The procedures used by Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committtee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

Following are descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

MOTORCYCLE TIRES: all tires specifically designed for normal highway service on motorcycles, side cars, motor bikes, and mini-cycles, as well as off-highway racing and/or trail riding.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

AIRCRAFT TIRES: all tires used on commercial, private, and military aircraft and helicopters.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured.

Following are descriptions for the various column headings used on this report:

Original Equipment: shipments to original equipment vehicle manufacturers.

Replacement: shipments destined for the domestic replacement market.

Export: shipments by participants to points outside the United States , and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports are not shown separately on this report; however those of participating companies are reflected in all of the columns with the exception of production.

The Participants in this report include:

Armstrong Rubber Company
Bridgestone Tire Co., of America, Inc.
Bridgestone Tire Manufacturing Incorporated (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
BFGoodrich Company, Tire Group, The
Goodyear Tire & Rubber Company, The
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corp.
Uniroyal, Inc.
Yokohama Tire Corp.

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NOTE: As of April, this report will no longer present motorcycle activity. Data reported to RMA no longer represents 100% of the industry's activity and RMA is not able to estimate the unreported data.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: November 12, 1984

PASSENGER TIRES	September 1984	September 1983	% CHANGE	YTD 1984	YTD 1983	% CHANGE
Shipments						
Original Equipment	3,857	4,474	-13.79	38,168	31,380	+21.63
Radial	3,284	3,762	-12.71	31,925	26,190	+21.90
Replacement	12,759	12,590	+1.34	109,440	103,034	+6.22
Radial	9,619	8,858	+8.59	83,059	71,185	+16.68
Export	440	427	+3.04	4,482	2,939	+52.50
Radial	336	301	+11.63	3,336	1,990	+67.64
Total	17,056	17,491	-2.49	152,090	137,353	+10.73
Radial	13,239	12,921	+2.46	118,320	99,365	+19.08
Production	14,341	13,601	+5.44	130,563	117,057	+11.54
Radial	11,218	9,672	+15.98	98,468	81,722	+20.49
Ending Inventory	31,121	27,173	+14.53	31,121	27,173	+14.53
Radial	24,375	20,397	+19.50	24,375	20,397	+19.50

TRUCK & BUS TIRES						
Shipments						
Original Equipment	636	529	+20.23	5,905	3,881	+52.15
Radial	335	246	+36.18	3,047	1,771	+72.05
Replacement	2,714	3,127	-13.21	23,528	22,141	+6.26
Radial	1,000	1,101	-9.17	8,185	7,229	+13.22
Export	119	99	+20.20	1,002	765	+30.98
Radial	46	43	+6.98	462	366	+26.23
Total	3,469	3,755	-7.62	30,435	26,787	+13.62
Radial	1,381	1,390	-0.65	11,694	9,366	+24.86
Production	2,992	2,759	+8.45	27,349	22,513	+21.48
Radial	1,070	873	+22.57	10,422	6,903	+50.98
Ending Inventory	6,564	5,681	+15.54	6,564	5,681	+15.54
Radial	3,048	2,234	+36.44	3,048	2,234	+36.44

MOBILE HOME						
Shipments						
Original Equipment	121	154	-21.43	1,159	1,201	-3.50
Replacement	3	7	-57.14	31	45	-31.11
Export	-	-	-	8	9	-11.11
Total	124	161	-22.98	1,198	1,255	-4.54
Production	143	191	-25.13	1,221	1,293	-5.57
Ending Inventory	121	131	-7.63	121	131	-7.63

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $100.00 subscription rate. Year-end reports are available at $100.00 each. Figures may not add due to rounding.

MOTORCYCLE	September 1984	September 1983	% CHANGE	YTD 1984	YTD 1983	% CHANGE
Shipments						
Original Equipment	-	-	-	-	-	-
Replacement	-	-	-	-	-	-
Export	-	-	-	-	-	-
Total	-	-	-	-	-	-
Production	-	-	-	-	-	-
Ending Inventory	-	-	-	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	83	81	+2.47	755	682	+10.70
Replacement	198	197	+0.51	2,086	1,746	+19.47
Export	13	12	+8.33	139	91	+52.75
Total	294	290	+1.38	2,980	2,519	+18.30
Production	278	263	+5.70	2,614	2,159	+21.07
Ending Inventory	687	574	+19.69	687	574	+19.69
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	389	336	+15.77	4,712	3,998	+17.86
Replacement	142	145	-2.07	1,671	1,315	+27.07
Export	14	8	+75.00	102	125	-18.40
Total	545	489	+11.45	6,485	5,438	+19.25
Production	622	646	-3.72	6,815	5,614	+21.39
Ending Inventory	1,431	1,042	+37.33	1,431	1,042	+37.33
AIRCRAFT						
Shipments						
Original Equipment	4	2	+100.00	22	28	-21.43
Replacement	22	39	-43.59	211	326	-35.28
Export	7	9	-22.22	44	61	-27.87
Total	33	50	-34.00	277	415	-33.25
Production	39	51	-23.53	289	397	-27.20
Ending Inventory	73	78	-6.41	73	78	-6.41
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	724	917	-21.05	6,443	6,798	-5.22
Truck & Bus	1,763	1,837	-4.03	14,377	11,968	+20.13
Tractor-Implement	254	577	-55.98	2,253	2,208	+2.04
Industrial & Utility	139	152	-8.55	1,614	1,417	+13.90
Aircraft	7	9	-22.22	77	84	-8.33

* Inner Tube figures are for shipments only, not production.